(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 63-03

Total Pages in this Submission

U.S.

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450 U.S. PTC 17218

-o						Alexandria, \	VA 22313-1450)	⊃ `
				filing under 35	U.S	s.C. 111(a) and	37 C.F.R. 1.53	(b) is a new utility patent ap	plication for ap
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			TION AF		chec	ck appropriate b	oox and supply	the requisite information:	
	XXX			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		KANKAAKAA 2	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	of prior application No.:	60/502,158
Which	is a	:							
	Conti	nuat	ion 🗆	Divisional	\boxtimes	Continuation	-in-part (CIP)	of prior application No.:	10/382,354
Which	1 19 0381	k c	laims p	priority fr	om:				
	0000	XXXXX		DOVESTIONAL		<u>Cannananan</u>	(XHXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	of prior application No.:	60/362,167
Enclos	sed a	are:							
						Application	on Elements		
1.		Filin	o fee as	calculated and	trar	nsmitted as des	cribed below		
			9 100 40		tiui	ionnited as des	oribed below		
2.	X	Spe	cification	having		65	pages and ir	ncluding the following:	
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	b.	X	Cross R	deferences to F	Relat	ted Applications	s (if applicable)		
	C.	\boxtimes	Stateme	ent Regarding	Fede	erally-sponsore	d Research/De	velopment (if applicable)	
	d.		Referen	ice to Sequenc	e Li	sting, a Table, o	or a Computer I	Program Listing Appendix	
	e.	\boxtimes	Backgro	ound of the Inv	entic	on			
	f.	\boxtimes	Brief Su	mmary of the	nve	ntion			
	g.	\boxtimes		•		awings (if filed)			
					. Die	awings (ii iiieu)			
		X		I Description					
	i.	\boxtimes	Claim(s)) as Classified	Belo	wc			
	j.	\boxtimes	Abstract	t of the Disclos	ure				

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 63-03

Total Pages in this Submission

3.	\boxtimes	Dra	wing(s) (when	necessary as preso	ribed by 35 USC 113)			
	a.	\boxtimes	Formal	Number of Sheets	16			
	b.		Informal	Number of Sheets				
4.	X	Oat	h or Declaratio	on				
	a.		Newly execut	ted (original or copy,	☑ Unexecuted			
	b.		Copy from a	prior application (37	CFR 1.63(d)) (for continuation/divisional application only)			
	C.	\boxtimes	With Power of	of Attorney	Without Power of Attorney			
	d.		Signed stater	OF INVENTOR(S) ment attached deleti 1. 1.63(d)(2) and 1.3	ng inventor(s) named in the prior application, 3(b).			
5.		The Box	entire disclose 4b, is consid		Box 4b is checked) cation, from which a copy of the oath or declaration is supplie of the disclosure of the accompanying application and is			
6.		CD	ROM or CD-R	in duplicate, large to	able or Computer Program (Appendix)			
7.	\boxtimes	Application Data Sheet (See 37 CFR 1.76)						
8.		Nuc	leotide and/or	Amino Acid Sequen	ce Submission (if applicable, all must be included)			
	a.		Computer Re	adable Form (CFR)				
	b.		Specification	Sequence Listing or	n:			
			i. 🗆 CD	-ROM or CD-R (2 co	ppies); or			
			ii. 🗌 Par	per				
	C.		Statement(s)	Verifying Identical F	aper and Computer Readable Copy			
			•	Accomp	panying Application Parts			
9.		Assi	ignment Paper	rs (cover sheet & do	cument(s))			
10.		37 (FR 3.73(B) S	tatement (when ther	e is an assignee)			
11.		Eng	lish Translatio	n Document (if appli	cable)			
12.		Info	rmation Disclo	sure Statement/PT0	0-1449			
13.		Prel	iminary Ameno	dment				
14.	\boxtimes	Retu	urn Receipt Po	stcard (MPEP 503)	(Should be specifically itemized)			
15.		Cert	ified Copy of F	Priority Document(s)	(if foreign priority is claimed)			
16.	\boxtimes	Cert	ificate of Maili	ng				
			First Class	■ Express Mail (Specify Label No.): EL 982 115 894 US			

Application Elements (Continued)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 63-03

Total Pages in this Submission

		Accompanying Application Parts (Continued)
17.	X	Applicant claims small entity status. See 37 CFR 1.27. (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:
18.		Additional Enclosures (please identify below):
10.	J	Additional Enclosures (prease identity below).
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No. 63-03

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee **Total Claims** 31 -20 =11 \$9.00 \$99.00 х Indep. Claims 1 - 3 = 0 \$43.00 \$0.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$385.00 OTHER FEE (specify purpose) \$0.00 TOTAL FILING FEE \$484.00 ☐ A check in the amount of to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. as described below. ☐ Charge the amount of as filing fee. ☐ Credit any overpayment. ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). November 19, 200 3 Dated: Sally A. Sullivan, Reg. No. 32,064 Greenlee, Winner and Sullivan, P.C. 5370 Manhattah Circle, Suite 201

CC:

Boulder, CO 80303

Telephone: (303) 499-8080 Facsimile: (303) 499-8089

email: ssullivan@greenwin.com

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

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Λnn	licant:
ΔUU	ncan.

Roark et al.

Filing Date:

November 19, 2003

Examiner:

Not assigned

Group Art Unit:

Not assigned

Invention:

Dense, Layered Membranes for Hydrogen Separation

Atty Docket No.:

63-03

I hereby certify that this new filing of a utility patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop: Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 18, 2003

Lea Murray
(Typed Name of Person Mailing Correspondence)
(Signature of Person Mailing Correspondence)
(Signature of Person Mailing Correspondence)
11/19/03
(Date)
EL 982 115 894 US
("Express Mail" Mailing Label Number)